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# APPLICATION FOR UNITED STATES PATENT

## Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: 1 \_\_\_\_\_ described and claimed in the specification:

Check one FOREIGN MATERIAL DETECTOR FOR SLIDING DOOR AND

DETECTING METHOD THEREOF

\*a. ☒ attached hereto.

b. ☐ filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and amended on \_\_\_\_\_;

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). Under Title 35 U.S. Code §119, the priority benefits of the following foreign application(s) filed within one year prior to this application are hereby claimed:

Japanese Patent Application No. 2001-31430 filed on February 7, 2001

The following applications for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s):

2 If there are no corresponding applications, insert "NONE".

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

Roger W. Parkhurst, Reg. No. 25,177; and/or Charles A. Wendel, Reg. No. 24,453.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO PARKHURST & WENDEL, L.L.P., 1421 Prince Street, Suite 210, Alexandria, Virginia 22314-2805 Telephone: (703) 739-0220.**

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

3 Typewritten Full Name of

Sole or First Inventor

Hidenori

Ishihara

Given Name

Middle Initial

Family Name

\*4 Inventor's Signature

Ⓢ

Hidenori Ishihara

5 Date of Signature

Ⓢ

January 30, 2002

Month

Day

Year

6 Residence

Hamamatsu-shi, Shizuoka-ken, Japan

City

State or Province

Country

7 Citizenship

Japanese

8

Post Office Address

(Insert complete mailing

address, including country)

4-24-43 Izumi-cho, Hamamatsu-shi, Shizuoka-ken,

Japan

\*This form may be executed only when attached to the specification (including claims) at the end thereof if Box a. is checked.

\*\*Note to the Inventor. Please sign name on line 4 exactly as it appears in line 3 and insert the actual date of signing on line 5.

**IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE  
PAGE 2 OF U.S.A. DECLARATION FORM**

**(Discard this page in a sole inventor application)**

3 Typewritten Full Name of  
Second Joint Inventor (if any)

Hirokazu

Tsuda

Given Name

Middle Initial

Family Name

\*4 Inventor's Signature

⊗

Hirokazu

Tsuda

5 Date of Signature

⊗

January

30

2002

Month

Day

Year

6 Residence

Toyohashi-shi, Aichi-ken, Japan

City

State or Province

Country

7 Citizenship

Japanese

8 Post Office Address  
(Insert complete mailing  
address, including country)

41-7 Wakamatsu, Akebono-cho, Toyohashi-shi, Aichi-ken,

Japan

3 Typewritten Full Name of  
Third Joint Inventor (if any)

Kenji

Kato

Given Name

Middle Initial

Family Name

\*4 Inventor's Signature

⊗

Kenji Kato

5 Date of Signature

⊗

February 5, 2002

Month

Day

Year

6 Residence

Kariya-shi, Aichi-ken, Japan

City

State or Province

Country

7 Citizenship

Japanese

8 Post Office Address  
(Insert complete mailing  
address, including country)

6-66 Onda-cho, Kariya-shi, Aichi-ken, Japan

3 Typewritten Full Name of  
Fourth Joint Inventor (if any)

Kazuo

Nimura

Given Name

Middle Initial

Family Name

\*4 Inventor's Signature

⊗

Kazuo Nimura

5 Date of Signature

⊗

February 5, 2002

Month

Day

Year

6 Residence

Okazaki-shi, Aichi-ken, Japan

City

State or Province

Country

7 Citizenship

Japanese

8 Post Office Address  
(Insert complete mailing  
address, including country)

46-147 Ikeda, Yahagi-cho, Okazaki-shi, Aichi-ken,

Japan

3 Typewritten Full Name of  
Fifth Joint Inventor (if any)

Given Name

Middle Initial

Family Name

\*4 Inventor's Signature

⊗

5 Date of Signature

⊗

Month

Day

Year

6 Residence

City

State or Province

Country

7 Citizenship

8 Post Office Address  
(Insert complete mailing  
address, including country)

\*Note to Inventors: Please sign name on line 4 exactly as it appears in line 3 and insert the actual date of signing on line 5.

\*\*This form may be executed only when attached to the first page of the Declaration and Power of Attorney form and the specification (including claims) of the application to which it pertains.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hidenori Ishihara et al.

Serial No.: ~~New Application~~ 10/047,531

Filed: February 7, 2002

For: FOREIGN MATERIAL DETECTOR FOR SLIDING DOOR AND  
DETECTING METHOD THEREOF

SUBMISSION OF ORIGINAL EXECUTED DECLARATION

Commissioner for Patents  
Box Missing Parts  
Washington, D. C. 20231

Sir:

The above-identified application was duly filed on February 7, 2002 without an executed Declaration. Accordingly, submitted herewith is a fully executed Declaration and Assignment of the inventors. Attached is our check for \$910.00, which includes \$130.00 to cover the payment of the fee in accordance with 37 CFR 1.16(e), \$40.00 to cover the fee for recordation of the Assignment document, and the remainder to cover the full filing fees.

Entry of these documents should complete all of the filing formalities and fully satisfy the Notice of Missing Parts mailed

PLEASE ACCEPT THIS AS  
AUTHORIZATION TO DEBIT  
OR CREDIT FEES TO  
DEP. ACCT. 16-0331  
PARKHURST & WENDEL

March 7, 2002. Accordingly examination and allowance of the application in due course are respectfully solicited.

All correspondence should be sent to applicants' representative at the address indicated below.

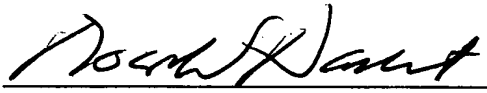
The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 16-0331. Two duplicate copies of this letter are attached.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

19 March 2002  
Date

RWP/jmz

  
Roger W. Parkhurst  
Registration No. 25,177

Attorney Docket No. NAKA:046

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